

## ABSTRACT OF THE DISCLOSURE

A cold cathode light emitting device includes a plurality of first electrodes, a plurality of insulating layers, a plurality of second electrodes and a third electrode. The insulating layers are laminated on the first electrodes. The second electrodes are provided on the insulating layers to intersect the first electrodes. The third electrode emits light upon receipt of electrons. At least one hole is provided at intersections of the first electrodes and second electrodes. The hole has a first diameter  $d_1$  at a position where the insulating layers are in contact with the first electrodes and a second diameter  $d_2$  at a position where the insulating layers are in contact with the second electrodes, where  $d_1$  is smaller than  $d_2$ . A nanofiber-structure layer is formed on the first electrodes in an opening portion having the first diameter  $d_1$ , provided in the at least one hole on the side of the first electrodes.